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Steven M. Hertzberg/	(Depositor's name)
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August 9, 2010 //	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/590.833	06/18/2007	Stephen C. Kellogg	207,791	1440

FITLE OF INVENTION: PREDICTION OF SHALLOW DRILLING HAZARDS USING SEISMIC REFRACTION DATA

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APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	09/09/2010
EXA	MINER	ART UNIT	CLASS-SUBCLASS	08/11/2010 S	ZEWDIE2 00000071 10	590833
HUGHES	S, SCOTT A	3663	367-031000	01 FC:1501		1510.00 OP
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Authorized Signature Steven M. Hertzberg	Date August 9, 2010 Registration No. 41,834	

his collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) napplication. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and ubmitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete his form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. lox 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, clexandria, Virginia 22313-1450.

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